

**COURSE DESCRIPTION:**

This course will provide an understanding of orthopedic physical assessment in a straightforward, systematic approach to performing a neuromusculoskeletal assessment and the rationale behind various aspects of the assessment. This course will provide an understanding of principles and concepts of assessment, as well as assessment of the knee, lower leg, ankle, and foot. As well a review of all orthopedic assessment studied thus far, as well as practice using orthopedic assessment with case studies.

**DURATION:**            **70 Hours**

**TEXTBOOK/RESOURCES:**

- *Orthopedic Physical Assessment*, David J. Magee
- Materials as provided by the Instructor

**PRE-REQUISITES:** Orthopedic Assessment 2, Musculoskeletal Anatomy 2

**COURSE OBJECTIVES:**

After completing this course, you will understand:

- Effective methods of functional assessment of the knee, lower leg, ankle and foot
  - Range of motion assessment
  - Neurological assessment
  - Special orthopedic tests
  - Muscle length/strength test
  - Joint mobilizations
- Effective rule in\rule out assessment
  - Determine a suspected condition given the presenting symptoms
  - Determine tests to rule in a suspected condition
  - Determine tests to rule out other possible conditions

You will be able to:

- Perform functional assessment of the knee, lower leg, ankle and foot
  - Range of motion assessment
  - Neurological assessment
  - Special orthopedic tests
  - Muscle length/strength test
  - Joint mobilizations
  - Palpation of associated bony landmarks
- Perform effective rule in\rule out assessment
  - Determine a suspected condition
  - Perform tests to rule in the suspected condition
  - Perform tests to rule out other possible conditions
  - Determine the cause of the clients complaints

**KEY TOPICS:**

- Assessment of the Knee
- Assessment of the Lower Leg, Ankle and Foot
- Assessment of Thoracic Spine
- Assessment of Lumbar Spine

**EVALUATION:**

Each student's performance is evaluated based on the satisfactory completion of all exercises and assignments to the standard set by the instructor as well as achieving a passing grade on all tests. The passing grade for this subject is 70%.

Quizzes	10%
Assignments Flashcards	5%
Mid-Term exam	15%
Mid-Term oral practical	20%
Final exam	20%
Final exam oral practical	<u>30%</u>
Total	100%